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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	10/771,418
Sheet	1	of	5	Filing Date	February 5, 2004
				First Named Inventor	Olsen et al.
				Group Art Unit	1644
				Examiner Name	Michail A. Belyavskiy
				Attorney Docket Number	PF363C2

U.S. PATENT DOCUMENTS						
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		Number	Kind Code ² (if known)			
MB	AA	5,198,342		Maliszewski	03/30/1993	
MB	AB	5,328,987		Maliszewski	07/12/1994	

FOREIGN PATENT DOCUMENTS							
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MB	AC		WO 98/09638		Brigham and Women's Hospital	03/12/1998	
MB	AD		WO 98/24906		Schering Corporation	06/11/1998	

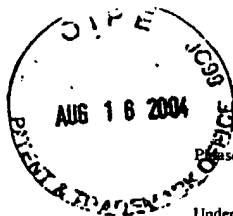
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	AE	KATZ, et al., "Mouse mast cell gp49B1 contains two immunoreceptor...", Proc. Natl. Acad. Sci. USA, 93:10809-10814 (1996)	
	AF	HIBBS, et al., "Molecular cloning of a human immunoglobulin G Fc receptor", Proc. Natl. Acad. Sci. USA, 85-2240-2244 (1988)	
	AG	RAGHAVAN, et al., "Fc Receptors and their Interactions with Immunoglobulins", Annu. Rev. Cell Dev. Biol., 12:181-220 (1996)	
	AH	STENGELIN, et al., "Isolation of cDNAs for two distinct human Fc receptors by ligand affinity cloning", EMBO J., 7(4):1053-1059 (1988)	
	AI	SAMARIDIS, et al., "Cloning of novel immunoglobulin superfamily receptors expressed on human myeloid and...", Eur. J. Immunol., 27(3):660-665 (1997)	

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	AJ	COLONNA M., Genbank Accession No. AF014923 (12/05/1995)			
	AK	BORGES, L., Genbank Accession No. AF025527 (12/02/1997)			
	AL	ARM J.P., Genbank Accession No. U91926 (09/12/1997)			
	AM	VINOGRADOVA, T.V., Genbank Accession No. T41304 (01/23/1995)			
	AN	ZHAO, EST Accession No. AQ532231 (1997)			
	AO	NAGASE T., GEN EMBL Accession NO. AB002362 (1997)			
	AP	ENSERINK M., "Patent Office May Raise The Bar on Gene Claims", Science, 287:1196-1197 (02/18/2000)			
	AQ	PERESS, N.S., et al., "Monoclonal antibodies identify three IgG Fc receptors in normal human central nervous system", Clin. Immunol. Immunopathol. 53(2 Pt 1):268-280 (1989)			
	AR	PERESS, N.S., et al., "High avidity periventricular IgG-Fc receptor activity in human and rabbit brain", Clin. Immunol. Immunopathol. 42(2):229-238 (1987)			

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Sheet		3	of	5	Application Number Filing Date First Named Inventor Group Art Unit Examiner Name Attorney Docket Number	10/771,418 February 5, 2004 Olsen et al. 1644 Michail A. Belyavskiy PF363C2

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	AS	WOODROOFE, M.N., <i>et al.</i> , "Fc receptor density, MHC antigen expression and superoxide production are increased in interferon gamma-treated microglia isolated from adult rat brain", <i>Immunology</i> , 68(3):421-426 (1989)	
	AT	ZHANG, G., <i>et al.</i> "Identification of a Novel Class of Mammalian Fcγ Receptor, J. Immunol. 155:1534-1541 (1995)	
	AU	WILSON, et al. "Assessing Annotation Transfer to Genomics: Quantifying the relations between protein sequence, structure, and function through traditional and probabilistic scores," <i>J. Mol. Biol.</i> 17:233-249 (2000).	
	AV	DUNWELL, et al., "Microbial Relatives of Seed Storage Proteins of Higher Plants: Conservation of Structure and Diversification of Function during Evolution of the Cupin Superfamily," <i>Microbiol. Mol. Biol. Rev.</i> , 64:153-179 (2000).	
	AW	WEBSTER'S NINTH NEW COLLEGIATE DICTIONARY, Merriam Webster Inc., Page 568 (1985)	

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	AX	ATTWOOD, "The Babel of Bioinformatics", Science, 290:471-473 (2000)	
	AY	SIGMA CHEMICAL COMPANY, "Biochemicals Organic Compounds for Research and Diagnostic Reagents", Catalogue, pgs. 1422-1423 (1994)	
	AZ	GERHOLD et al., "It's the genes! EST access to human genome content", Bioessays, 18:973-981 (1996)	
	BA	WELLS et al., "The chemokine information source: identification and characterization of novel chemokines...", J. Leukocyte Biology, 61:545-550 (1997)	
	BB	RUSSELL et al., "Structural Features can be Unconserved in Proteins with Similar Folds", J. Molec. Biology, 244:332-350 (1994)	
	BC	SKOLNICK et al., Trends in Biotech., 18(1):34:39, 2000	
	BD	VAN REGENMORTEL, Methods: A Companion to Methods of Enzymology 9:465-472, 1996	

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	BE	COLMAN et al., Research in Immunology 145(1):33-36, 1994	
	BF	ABAZA et al., Journal of Protein Chemistry 11(5):433-444, 1992	
	BG	LEDERMAN et al., Molecular Immunology 28:1171-1181, 1991	
	BH	LI et al., PNAS 77:3211-3214, 1980	
	BI	NGO et al., Protein Folding problem and Tertiary Structure prediction, 1994, Merz et al., (ed), Birkhauser, Boston, MA, pp.433 and 492-495	
	BJ	TEDLA et al., "Activation of human eosinophils through leukocyte immunoglobulin-like receptor 7", PNAS, 100(3):1174-1179 (2003)	

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